

SCIENTIFIC METHOD/ TECHNOLOGY 1, 2 HONORS

Course Length: 2 Semesters

Credit per Semester: 1.0 (Science or Elective)

Grade: 11, 12

Prerequisite: Satisfactory completion of PES Science 1, 2 Honors and Biology 1, 2 Honors or department approval.

Recommended: Satisfactory completion of an upper division science course such as Chemistry, Physics, Human Anatomy, Environmental Science/Oceanology, Horticulture, Geology, Zoology, or Astronomy.

Lab Fee: \$5

This course takes a “hands-on, minds-on” approach with students investigating a wide range of industry-based problems faced by science technicians in a typical workday. It will introduce students to tools that are in current use for scientific data collection as well as refine their knowledge of how to conduct scientific investigations. The units have been selected to expose students to chemical, biological and geoscience industries. Each involves students in the solution of a science technology-related problem that might actually occur in the focus industry of the units. **STUDENTS MUST BE ABLE TO PROVIDE THEIR OWN TRANSPORTATION TO AND FROM DESIGNATED FIELD EXPERIENCE SIGHTS.**